Amendments to the Claims:

Please cancel claims 1-25, leaving original claims 26 - 41 as shown in the following listing.

Claims 1-25 (canceled)

Claim 26 (original): A magazine for retaining a column of grenade cartridges, each cartridge having a nose and a tail, the tail defining a cartridge rim, comprising:

at least one interior surface defining a bore for retaining the column of cartridges, the interior surface extending along an axis between a front end and a rear end, the column of cartridges being stacked nose to tail substantially along the axis so that the nose of each cartridge points toward the front end;

a magazine follower positioned at the rear end of the magazine for pushing the column of cartridges toward the front end;

a vernier member having a plurality of cartridge locators, the vernier member riding on a plurality of pins such that the vernier member is movable within the bore from a first position wherein the plurality of cartridge locators are disengaged from the column of cartridges to a second position wherein at least some of the cartridge locators engage the column of cartridges and displace the cartridges so engaged from contacting one another.

Claim 27 (original) The magazine of claim 26, wherein each cartridge locator of the vernier member corresponds to one of the column of cartridges.

Claim 28 (original) The magazine of claim 27, wherein each cartridge locator engaging the column of cartridges engages the rim of the corresponding cartridge.

Claim 29 (original) The magazine of claim 26, wherein the cartridge locators are disengaged from the column of cartridges when the vernier member is in its fully forward position, and wherein the column of cartridges are sequentially separated beginning with the rearmost cartridge when the vernier member is advanced rearward.

Claim 30 (original) The magazine of claim 29, wherein the magazine is a substantially tubular magazine.

Claim 31 (original) A positive round control system for a grenade launcher, comprising:

a slide extending between a forward end and a back end, the slide having a recess substantially adjacent the rear end, the slide movable forward and back substantially along a bore axis of the grenade launcher;

a cartridge carrier having a lifter and at least one cartridge locator for securing a cartridge;

a carrier drive pivotally connected to the cartridge carrier by a carrier pin;

a drive pawl pivotally connected to the carrier drive, the drive pawl engaging the recess of the slide during at least a portion of forward motion of the slide along the bore axis; and,

wherein the cartridge carrier is pivotally connected to a carrier link by a link pin so that the carrier drive and the cartridge carrier and the carrier link pivot around the link pin as a functional unit as the slide moves forward and the recess of the slide engages the drive pawl, the functional unit aligning the cartridge secured by the cartridge carrier on the bore axis of the grenade launcher.

Claim 32 (original) The system of claim 31, further including an onboard magazine positioned behind the cartridge carrier, the onboard magazine storing a plurality of cartridges, each cartridge including a projectile pointing substantially upward.

Claim 33 (original) The system of claim 32, wherein the onboard magazine includes a spring loaded cartridge stop.

Claim 34 (original) The system of claim 33, wherein the onboard magazine further includes cartridge controllers for retaining the forwardmost cartridge, and wherein the cartridge controllers are cammed out of engagement with the forwardmost cartridge by the cartridge carrier.

Claim 35 (original) The system of claim 32, wherein the onboard magazine further includes cartridge controllers for retaining the forwardmost cartridge.

Claim 36 (original) The system of claim 35, wherein the cartridge controllers are cammed out of engagement with the forwardmost cartridge by the cartridge carrier.

Claim 37 (original) The system of claim 31, further including a stationary cam for camming the drive pawl out of engagement with the recess of the slide, thereby releasing the cartridge carrier from further rotation.

Claim 38 (original) The system of claim 31, wherein the lifter has a first end and a second end, the lifter having a notch near the second end of the lifter, the notch sized to engage an extraction rim of the cartridge.

Claim 39 (original) The system of claim 38, further including a stationary lifter cam for rotating the lifter to disengage the notch of the lifter from the extraction rim of the cartridge.

Claim 40 (original) The system of claim 31, wherein the back end of the slide engages a receptacle on the carrier drive as the slide moves back along the bore axis.

Claim 41 (original) The system of claim 31, further including an onboard magazine positioned behind the cartridge carrier, the onboard magazine storing a plurality of cartridges, each cartridge including a projectile pointing substantially upward, wherein the lifter has a first end and a second end, the lifter having a notch sized to engage an extraction rim of the

cartridge near the second end of the lifter, and wherein the back end of the slide engages a receptacle on the carrier drive as the slide moves back along the bore axis.